

**Fig. 1****SEQ ID NO: 1**

GCCGCCGCCGCCACCACTGCCACCACGGTCGCCTGCCACAGGTGTCTG  
CAATTGAACTCCAAGGTGCAGAATGGTTTGGAAAGTAGCTGTATTCCT  
CAGTGTGGCCCTGGGCATTGGTGCCGTTCTTATAGATGATCCTGAAGA  
TGGAGGCAAGCACTGGGTGGTGATCGTGGCAGGTTCAAATGGCTGGTA  
TAATTATAGGCACCAGGCAGACGCGTGCCATGCCTACCAGATCATTC  
CCGCAATGGGATTCCTGACGAACAGATCGTTGTGATGATGTACGATGA  
CATTGCTTACTCTGAAGACAATCCCACTCCAGGAATTGTGATCAACAG  
GCCCAATGGCACAGATGTCTATCAGGGAGTCCCGAAGGACTACACTGG  
AGAGGATGTTACCCCAAAAATTTCTTTGCTGTGTTGAGAGGCGATGC  
AGAAGCAGTGAAGGGCATAGGATCCGGCAAAGTCCTGAAGAGTGGCCC  
CCAGGATCACGTGTTCAATTTACTTCACTGACCAATGGATCTACTGGAAT  
ACTGGTTTTTTCCCAATGAAGATCTTCATGTAAAGGACCTGAATGAGAC  
CATCCATTACATGTACAAACACAAAATGTACCGAAAGATGGTGTCTA  
CATTGAAGCCTGTGAGTCTGGGTCCATGATGAACCACCTGCCGGATAA  
CATCAATGTTTATGCAACTACTGCTGCCAACCCCAGAGAGTCGTCCTA  
CGCCTGTTACTATGATGAGAAGAGGTCCACGTACCTGGGGGACTGGTA  
CAGCGTCAACTGGATGGAAGACTCGGACGTGGAAGATCTGACTAAAGA  
GACCCTGCACAAGCAGTACCACCTGGTAAAATCGCACACCAACACCAG  
CCACGTGATGCAGTATGGAAACAAAACAATCTCCACCATGAAAGTGAT  
GCAGTTTCAGGGTATGAAACGCAAAGCCAGTTCTCCCGTCCCCCTACC  
TCCAGTCACACACCTTGACCTCACCCCCAGCCCTGATGTGCCTCTCAC  
CATCATGAAAAGGAAACTGATGAACACCAATGATCTGGAGGAGTCCAG  
GCAGCTCACGGAGGAGATCCAGCGGCATCTGGATGCCAGGCACCTCAT  
TGAGAAGTCAGTGCCTAAGATCGTCTCCTTGCTGGCAGCGTCCGAGGC  
TGAGGTGGAGCAGCTCCTGTCCGAGAGAGCCCCGCTCACGGGGCACAG  
CTGCTACCCAGAGGCCCTGCTGCACTTCCGGACCCACTGCTTCAACTG  
GCACTCCCCCACGTACGAGTATGCGTTGAGACATTTGTACGTGCTGGT  
CAACCTTTGTGAGAAGCCGTATCCACTTCACAGGATAAAAATTGTCCAT  
GGACCACGTGTGCCTTGGTCACTACTGAAGAGCTGCCTCCTGGAAGCT  
T

**Fig. 2****SEQ ID NO: 2**

MVWKVAVFLSVALGIGAVPIDDPEDGGKHWVIVAGSNGWYNRHOAD  
ACHAYQIIHRNGIPDEQIVVMYDDIAYSEDNPTPGIVINRPNGTDVY  
QGVPKDYTGEDVTPQNFLAVLRGDAEAVKGIGSGKVLKSGPQDHVFIY  
FTDHGSTGILVFPNEDLHVKDLNETIHYMYKHKMYRKMVFYIEACESG  
SMMNHLPDNINVYATTAANPRESSYACYDEKRSTYLGDWYSVNWMED  
SDVEDLTKETLHKQYHLVKSHNTNTSHVMQYGNKTIISTMKVMQFQGMKR  
KASSPVPLPPVTHLDLTPSPDVPLTIMKRKLMNTNDLEESRQLTEEIQ  
RHLDARHLIEKSVRKIVSLLAASEAEVEQLLSERAPLTGHSCYPEALL  
HFRTHCFNWHSPTYEYALRHLYVLVNLCEKPYPLHRIKLSMDHVCLGH  
Y

**Fig. 3****SEQ ID NO: 3**

5' - TGAGTCTGGGTCCATGATGA - 3'

**Fig. 4****SEQ ID NO: 4**

5' - GTTGGCAGCAGTAGTTGCAT - 3'

**Fig. 5****SEQ ID NO: 5**

5' - CCACCTGCCGGATAACATCAATGT - 3'